

## Disinfectants and Disinfection Byproducts Rule Disinfection Byproduct Precursor Reporting Form (for systems using conventional filtration)

System Name: \_\_\_\_\_

PWSID: \_\_\_\_\_

Year	Month	Sample Set Date	(A) Finished Water TOC (mg/L)	(B) Source Water TOC (mg/L)	(C) % Removal	Source Water Alkalinity (mg/L)	(D) Required TOC Removal %	(E) TOC Ratio Monthly	Quarterly Average Ratio
	January								
	February								
	March								
	April								
	May								
	June								
	July								
	August								
	September								
	October								
	November								
	December								
Finished TOC Average:							Average of Quarterly Average Ratios:		
Were Removal Requirements met? (circle one)						Yes	No		
DBP Precursor Sampling Frequency: (circle one)						Monthly	Quarterly		
Must be >1.00									

Percent TOC Removal Required (Column D)

Source Water TOC	Source Water Alkalinity		
	0 - 60 mg/L	60 - 120 mg/L	>120 mg/L
>2 - 4.0 mg/L	35%	25%	15%
>4.0 - 8.0 mg/L	45%	35%	25%
>8 mg/L	50%	40%	30%

Equations:

Column C =  $(1 - (A / B)) \times 100$ 

Column D = See table above

Column E = C / D

Notes:

System Operator: \_\_\_\_\_ Date: \_\_\_\_\_

Please submit completed form to:  
John McDunn  
Public Water Supply Section  
P.O. Box 200901  
Helena, MT 59620-0901  
(406) 444-5312  
jmcdunn@mt.gov

# Disinfectants and Disinfection Byproducts Rule Disinfection Byproduct Precursor Reporting Form (for systems using conventional filtration)

System Name: Valley City

PWSID: MT1534268

Year	Month	Sample Set Date	(A) Finished Water TOC (mg/L)	(B) Source Water TOC (mg/L)	(C) % Removal	Source Water Alkalinity (mg/L)	(D) Required TOC Removal %	(E) TOC Ratio Monthly	Quarterly Average Ratio
2005	January	1/5/05	1.8	2.5	28	117	25	1.12	1.67
	February	2/2/05	1.5	2.3	34.8	115	25	1.39	
	March	3/2/05	1.5	2.4	37.5	126	15	2.5	
	April	4/6/05	1.6	2.6	38.4	130	15	2.56	2.91
	May	5/4/05	1.4	3.0	53.3	153	15	3.55	
	June	6/1/05	1.7	2.8	39.3	144	15	2.62	
	July	7/6/05	1.6	3.0	46.7	126	15	3.11	3.04
	August	8/3/05	1.5	2.7	44.4	152	15	2.96	
	September	9/1/05	1.3	2.4	45.8	134	15	3.05	
2004	October	10/6/04	1.2	2.1	23.8	125	15	1.58	1.52
	November	11/3/04	1.5	2.4	42.8	119	25	1.71	
	December	12/1/04	1.7	2.1	19	123	15	1.27	
Finished TOC Average:			1.5				Average of Quarterly Average Ratios:		2.285
Were Removal Requirements met? (circle one)							Yes	No	Must be >1.00
DBP Precursor Sampling Frequency: (circle one)							Monthly	Quarterly	

Percent TOC Removal Required (Column D)

Source Water TOC	Source Water Alkalinity		
	0 - 60 mg/L	60 - 120 mg/L	>120 mg/L
>2 - 4.0 mg/L	35%	25%	15%
>4.0 - 8.0 mg/L	45%	35%	25%
>8 mg/L	50%	40%	30%

Equations:

Column C =  $(1 - (A / B)) \times 100$

Column D = See table above

Column E =  $C / D$

Notes:

*Please call if you have any questions: 555-5655.*

System Operator: Todd Valley Date: 9/17/05

Please submit completed form to:  
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jmcdund@mt.gov